

PATENT ASSIGNMENT

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Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Chang Bo Lee</td><td>07/20/2011</td></tr><tr><td>Dae Jo Hong</td><td>07/21/2011</td></tr><tr><td>Cheol Ho Choi</td><td>07/21/2011</td></tr></tbody></table>	Name	Execution Date	Chang Bo Lee	07/20/2011	Dae Jo Hong	07/21/2011	Cheol Ho Choi	07/21/2011					
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>SAMsung Electro-Mechanics Co., LTD</td></tr><tr><td>Street Address:</td><td>314 Maetan 3-dong Yeongtong-gu</td></tr><tr><td>Internal Address:</td><td>Suwon</td></tr><tr><td>City:</td><td>Gyeonggi-do</td></tr><tr><td>State/Country:</td><td>REPUBLIC OF KOREA</td></tr><tr><td>Postal Code:</td><td>443-743</td></tr></table>	Name:	SAMsung Electro-Mechanics Co., LTD	Street Address:	314 Maetan 3-dong Yeongtong-gu	Internal Address:	Suwon	City:	Gyeonggi-do	State/Country:	REPUBLIC OF KOREA	Postal Code:	443-743	
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PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13232220</td></tr></tbody></table>	Property Type	Number	Application Number:	13232220									
Property Type	Number												
Application Number:	13232220												
CORRESPONDENCE DATA													
Fax Number: (323)934-0202													
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ATTORNEY DOCKET NUMBER:	B-7140 626585-2												
NAME OF SUBMITTER:	Joseph M. Kobzeff												
Total Attachments: 3 source=626585_assignment#page1.tif source=626585_assignment#page2.tif source=626585_assignment#page3.tif													

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PATENT
REEL: 026903 FRAME: 0677

Attorney's Docket No. B-7140 626585

Patent

For: ☒ U.S. and/or ☐ Foreign Rights
For: ☒ U.S. Application or ☐ U.S. Patent
For: ☐ PCT Application
By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

(inventor(s) or person(s) or
entity(ies) who own the invention)

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Korea
(Nationality)

hereby confirm that ASSIGNORS sell, assign and transfer to

(Assignment of Invention [16-3]--page 1 of 3)

본 정보는 송신전기 정보로서 본국 특허청에서 허가된 송신, 배포, 판권을 함

ASSIGNEE:

SAMSUNG ELECTRO-MECHANICS CO., LTD.

(type or print name(s) of ASSIGNEE(S))

314, Maetan 3-dong, Yeongtong-gu,

Suwon, Gyunggi-do 443-743, Korea

(Address)

Korea

(Nationality)

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided _____ percent (_____ %) interest for the

United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

☐ and in all foreign countries, including all rights to claim

priority, in and to any and all improvements which are disclosed in the invention
entitled :

METHOD FOR MANUFACTURING PRINTED CIRCUIT BOARD

(check and complete (a), (b), (c) or (d)) and which is found in

(a) ☐ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on _____

☒ To comply with 37 CFR 3.21 for recordal of this assignment, I, an
ASSIGNOR signing below, hereby authorize and request my attorney, as named
in the Declaration and Power of Attorney I executed for this invention on the
execution date stated above, to insert below the filing date and application
number when it becomes known.

(c) ☐ U.S. Application serial no. _____ filed on _____

(d) ☐ International application no. _____

(e) ☐ U.S. Patent no. _____ issued _____

☐ A change of address to which correspondence is to be sent regarding patent
maintenance fees is being sent separately.

(also check (F) if foreign application(s) is also being assigned)

(f) ☐ and any legal equivalent thereof in a foreign country, including the right to
claim priority and, in and to, all Letters Patent to be obtained for said invention by the
above application or any continuation, division, renewal, or substitute thereof, and as to
Letters Patent any reissue or re-examination thereof

(Assignment of Invention [16-3]--page 2 of 3)

본 명세서는 삼성전기 기밀자산으로 권리침해자가 서가없이 설계, 배포, 판매를 하여서는 안 된다.

PATENT

REEL: 026903 FRAME: 0679

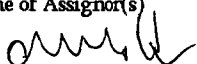
ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this
20th day of July, 2011 (date of signing).

LEE, Chang Bo

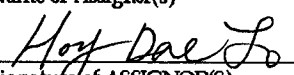
Name of Assignor(s)


Signature of ASSIGNOR(S)

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this
21st day of July, 2011 (date of signing).

HONG, Dae Jo

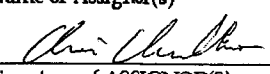
Name of Assignor(s)


Signature of ASSIGNOR(S)

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this
21st day of July, 2011 (date of signing).

CHOI, Cheol Ho

Name of Assignor(s)


Signature of ASSIGNOR(S)

(Assignment of Invention [16-3]—page 3 of 3)

본 정보는 삼성전기 정보자산으로 관리되며 사전 허가없이 복제, 배포, 판매는 할 수 없습니다.